



State of Utah

Department of
Natural Resources

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October 14, 2004

CERTIFIED RETURN RECEIPT
7099 3400 0016 8896 0556

Mert Hamilton
Rocanville Stone Corporation
P.O. Box 35
Delta, Utah 84624

Subject: Second Review of Notice of Intention to Commence Large Mining Operations, Rocanville Stone, Tejon Quarries, M/027/087, Millard County, Utah

Dear Mr. Hamilton:

The Division has completed a review of your draft response to the Division's initial technical review sent to you on May 24, 2004 for the Tejon Quarries, located in Millard County, Utah. Your response was received August 25, 2004. After reviewing the information, the Division has the following comments which still need to be addressed before tentative approval may be granted.

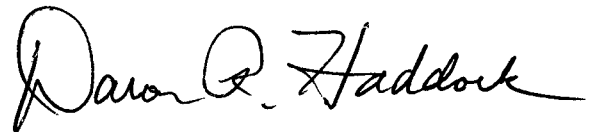
The comments are listed below under the applicable Minerals Rule heading. Please format your response in a similar fashion. **Please address only those items requested in the attached technical review. You may send replacement pages of the original notice using redline and strikeout text, so we can see what changes have been made. After the notice is determined technically complete and we are prepared to issue final approval, we will ask that you send us two clean copies of the complete and corrected plan. Upon final approval of the permit, we will return one copy stamped "approved" for your records.** Please provide a response to this review by November 15, 2004.

The Division will suspend further review of the Tejon Quarries Notice of Intention until your response to this letter is received. If you have any questions in this regard please contact me at (801) 538-5325 or Tom Munson at 538-5321. If

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you wish to arrange a meeting to sit down and discuss this review, please contact us at your earliest convenience. Thank you for your cooperation in completing this permitting action.

Sincerely,

A handwritten signature in black ink, reading "Daron R. Haddock". The signature is fluid and cursive, with the first name "Daron" and last name "Haddock" clearly legible.

Daron R. Haddock
Permit Supervisor
Minerals Regulatory Program

DRH:TM:jb
Attachment: Review
cc: Sheri Wysong, BLM, Fillmore FO w/attachment
O:\M027-Millard\M02700874\ejon\final\2nd-REV-10142004.doc

SECOND REVIEW OF NOTICE OF INTENTION TO COMMENCE LARGE MINING OPERATIONS

**Rocanville Stone
Tejon Quarries**

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R647-4-105 - Maps, Drawings & Photographs

105.1 Topographic base map, boundaries, pre-act disturbance

The latest F-series maps, included in the reply, indicate that part of the orange shaded area is dumps regraded to 3:1 and part is quarry highwall regraded to 2:1. Please show on these maps the approximate portions of these areas are highwalls and which are dumps. (DJ)

With changes to the final highwall faces made in the latest submittal, are maps C-1, C-2, & C-3 showing existing and proposed development still correct? (DJ)

105.3 Drawings or Cross Sections (slopes, roads, pads, etc.)

Please show the location of each of the cross-sections on the maps included in the application. (DJ)

Cross-sections indicate that waste material will be placed on highwall surfaces in each of the quarries to attain an overall slope of 2:1.

The estimate of the amount of material required to complete this activity and the cost for the placement of the dump material over the highwall surfaces will need to be included in the surety. (DJ)

Areas shown on the cross-sections that will be partially backfilled with dump material do not coincide with the C-series maps included in the original submittal. Please make the appropriate changes. (DJ)

R647-4-106 - Operation Plan

106.4 Nature of materials mined, waste and estimated tonnages

The latest maps included with Rocanville's latest response reflect additional material will be removed from each of the quarries.

The estimated annual production shown does not reflect any additional tonnages. Will additional tonnages be mined during this campaign? (DJ)

The estimated annual volume of overburden is shown as 1080 tons or 13,000 CY. Is the tonnage figure incorrect, considering the cubic yards shown. (DJ)

R647-4-107 - Operation Practices

107.1 Public safety & welfare

107.1.15 Constructing berms, fences, etc. above highwalls

The surety includes a line item indicating that 3340 LF of berm will be built above highwalls at the site.

Please show on the reclamation treatments map the location of these features. (DJ)

The latest submittal contains the following line, "Highwalls are anticipated to have an average dip of 75 degrees."

Does the 75 degree dip pertain to each individual bench or the overall highwall slope? The overall slope of the quarries should be an overall slope of <45 degrees. (DJ)

R647-4-110 - Reclamation Plan

110.2 Roads, highwalls, slopes, drainages, pits, etc., reclaimed

The plan should include a commitment to rip all storage areas to remove compaction prior to seeding. (DJ)

The latest submittal includes a statement that "roads will be ripped, covered with subsoil/topsoil layer, left in a roughened condition, and planted with the approved seed mixture".

This treatment is not being applied to the road that is presently being proposed for concurrent reclamation. Is this road an exception to this commitment?

R647-4-113 - Surety

The surety estimate indicates regrading of a total of 5.5 acres of waste dump slope and no regrading of quarry slopes.

The new maps indicate that Tejon #1 will have ~8.36 acres of regraded slopes, Tejon #2 will have ~4.02, Tejon #3 ~2.49 acres and Tejon #4 ~5.13 acres. All areas shown on the maps to be regraded should be included in the surety calculation. (DJ)

The surety estimate included in the latest reply indicates that only 3.6 acres of the total area to have soil replacement will require truck and loader to move the soils.

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It is not efficient to attempt to move materials with a dozer in distances greater than 150 feet. A review of the distances required to place this material should be completed and this acreage total changed. The use of a dozer may still be necessary to spread the material after it has been dumped. (DJ)

The latest submittal contains a statement that "the operator will bring up material from the nearest dump level to partially fill the uppermost bench and highwall to a maximum 2:1 slope".

This does not reflect a cost for the hauling, deposition and grading of this dump material. Please include a cost for this activity in the surety. (DJ)

The surety includes only money to mobilize one piece of equipment.

A dozer, truck, loader, a tractor and a range drill for seeding will be necessary to complete the reclamation as shown in this estimate. (DJ)